Please type a plus sign (+) inside this box		oved for use through 10/31/2002. OMB nt and Trademark Office; U.S. DEPART CO	
Under the Paperwork Reduction Act of 1995, no persons a valid OMB control number.	are required to respond to		
UTILITY	Attomey Docket No.	43384-32838	5 E
UTILITY  PATENT APPLICATION  TRANSMITTAL	First Inventor	Johnson, et al.	526 529
TRANSMITTAL	Title FIBER OPTIC	/8/	
nly for new nonprovisional applications under	Express Mail No.	10	
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO:	Commissioner for Patents MAIL STOP PATENT APPLIC Alexandria, VA 22313-1450	ATION
Applicant claims small entity status.     See 37 CFR 1.27.      Specification [Total Pages 37]     (preferred arrangement set forth below)	Computer Prog  6. Nucleotide and/or A (if applicable, all ned a. Computer b. Specification S i. C ii. p c. Statement	D-R in duplicate, large table or gram (Appendix) mino Acid Sequence Submission cessary) Readable Form (CRF) Sequence Listing on: D-ROM or CD-R (2 copies); or aper as verifying identify of above copies	RTS
<ul> <li>☑ Brief Description of the Drawings (if filed)</li> <li>☑ Detailed Description</li> <li>☑ Claim(s)</li> <li>☑ Abstract of the Disclosure</li> <li>3. ☑ Drawing(s) (35 U.S.C. 113) [Total Sheets 9 ]</li> <li>4. Oath or Declaration [Total Pages 2]</li> <li>a. ☑ Newly executed (original or copy)</li> <li>b. ☐ Unexecuted</li> <li>c. ☐ Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 17 completed)</li> <li>i. ☐ DELETION OF INVENTOR(S)</li> <li>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul>	7. Assignment Pa 8. 37 CFR 3.73(b (when there is 9. English Transla 10. Information Dis Statement (IDS 11. Preliminary Am 12. Return Receipt (Should be spe 13. Certified Copy (if foreign prior 14. Nonpublication (b)(2)(B)(i). Ap or its equivaler 15. Certificate of E  16. Other: Cop	apers (cover sheet & document(s))  a) Statement Power of Attorn an assignee) ation Document (if applicable) sclosure Copies of IDS (S)/PTO-1449 mendment at Postcard (MPEP 503) ecifically itemized) of Priority Document(s) ity is claimed) Request under 35 U.S.C. 122 opticant must attach form PTO/SB/35 attaches of Transmittals for Deposit Account	ney
17. If a CONTINUING APPLICATION, check appropriate box, and supply the or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-par Prior application information: Examiner  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of considered a part of the disclosure of the accompanying continuation or only be relied upon when a portion has been inadvertently omitted from the continuation or the continuation or only the continuation or only the continuation of the continua	t (CIP) of prior appl Group Art Unit: the prior application, from divisional application and	n which an oath or declaration is supplied use hereby incorporated by reference. The i	

Customer No.	umber or Bar Code Label	21888 PATENT TRADEMARK OFFIC	or		Correspondence ac	ldress below
Name	Joseph M. Rolnicki		F	Registrat	ion No. (Attom	ey/Agent) # 32,653
	Thompson Coburn LLP					
Address	One US Bank Plaza					
City	St. Louis	State	МО		Zip Code	63101-9928
Country	U.S.A.	Telephone	314-552-62	286	Fax	314-552-7286
2204820						

18. CORRESPONDENCE ADDRESS

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application or Docket Number PATENT APPLICATION FEE DETERMINATION RECORD 43384-32838 CLAIMS AS FILED - PART I OTHER THAN SMALL ENTITY OR (Column 1) SMALL ENTITY (Column 2) NUMBER FILED NUMBER EXTRA FOR RATE **RATE BASIC FEE** PARTIE AND A CONTROL OF THE STATE OF THE 385.00 AND THE (37 CFR 1.16(a)) TOTAL CLAIMS 36 minus 20 = 16 x \$9.00= 144.00 OR 0.00 (37 CFR 1.16(c)) INDEPENDENT CLAIMS 2 minus 3 = 0 x \$43.00= 0.00 OR x \$ 0.00 (37 CFR 1.16(b)) MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d)) + \$ OR + \$ \* If the difference in column 1 is less then zero, enter "0" in column 2 **TOTAL** 529.00 OR TOTAL

	A chec	k in the amount of is attached.			
$\boxtimes$	The Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed.				
	$\boxtimes$	Charge the amount of \$ 529.00			
	$\boxtimes$	Credit any overpayment.			
	$\boxtimes$	Charge any additional fee required.			
		,			
		Dated: April 1, 2004			

Clyde L. Smith, Reg. No. 46,292 Thompson Coburn LLP One US Bank Plaza St. Louis, Missouri 63101-9928 314-552-6338 FAX 314-552-7338

Customer No. 021888

i certify that the document and fee is being deposited on April 1, 2004 with the U.S. Postal Service as Express Mail under 37 C.F.R. 1.10 and is addressed to the MAIL STOP PATENT APPLICATION, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Express Mail No. EL991956478US

Signature of Person Mailing Correspondence

Clyde L. Smith
Typed or Printed Name of Person Mailing Correspondence

P16B/REV01